

What is claimed is:

1. A plasma display panel comprising a fluorescent layer that includes a red phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, the red phosphor pattern containing $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

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2. The plasma display panel of claim 1, wherein the amount of $Y(V,P)O_4:Eu$ is in the range of 20-80% by weight based on the total weight of $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

3. The plasma display panel of claim 1, wherein the amount of $Y(V,P)O_4:Eu$ is in
10 the range of 50-80% by weight based on the total weight of $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

4. A plasma display panel comprising a fluorescent layer that includes a red phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, wherein the plasma display panel is without a color-compensating filter, and the red phosphor pattern contains
15 $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

5. The plasma display panel of claim 4, wherein the amount of $Y(V,P)O_4:Eu$ is in the range of 20-80% by weight based on the total weight of $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

20 6. The plasma display panel of claim 4, wherein the amount of $Y(V,P)O_4:Eu$ is in the range of 50-80% by weight based on the total weight of $Y(V,P)O_4:Eu$ and $(Y,Gd)BO_3:Eu$.

7. The plasma display panel of claim 4, having a red-color purity ranging from 0.657 to 0.670 for a chromaticity coordinate value x and from 0.322 to 0.332 for a chromaticity coordinate value y.

5 8. The plasma display panel of claim 4, having an afterglow decay time of 4.0-8.8 ms for red light.

9. The plasma display panel of claim 4, having a red-color purity ranging from 0.660 to 0.670 for a chromaticity coordinate value x and from 0.322 to 0.330 for a chromaticity 10 coordinate value y.

10. The plasma display panel of claim 4, having an afterglow decay time of 4.0-8.0 ms for red light.

15 11. A plasma display panel comprising a fluorescent layer that includes a red phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, wherein the plasma display panel is not provided with a color-compensating filter and has a red-color purity ranging from 0.657 to 0.670 for a chromaticity coordinate value x and from 0.322 to 0.332 for a chromaticity coordinate value y.

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12. A plasma display panel comprising a fluorescent layer that includes a red phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, wherein the plasma

display panel is without a color-compensating filter and has an afterglow decay time of 4.0-8.8 ms for red light.

13. The plasma display panel of claim 11, wherein the red phosphor pattern contains
5 Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.

14. The plasma display panel of claim 12, wherein the red phosphor pattern contains
Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.

10 15. The plasma display panel of claim 13, wherein the amount of Y(V,P)O₄:Eu is in
the range of 20-80% by weight based on the total weight of Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.

16. A plasma display panel comprising a fluorescent layer that includes a red
phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, wherein the plasma
15 display panel is without a color-compensating filter and has a red-color purity ranging from
0.660 to 0.670 for a chromaticity coordinate value x and from 0.322 to 0.330 for a chromaticity
coordinate value y.

17. A plasma display panel comprising a fluorescent layer that includes a red
phosphor pattern, a green phosphor pattern, and a blue phosphor pattern, wherein the plasma
20 display panel is without a color-compensating filter and has an afterglow decay time of 4.0-8.0
ms for red light.

18. The plasma display panel of claim 15, wherein the red phosphor pattern contains Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.

19. The plasma display panel of claim 16, wherein the red phosphor pattern contains
5 Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.

20. The plasma display panel of claim 13, wherein the amount of Y(V,P)O₄:Eu is in
the range of 50-80% by weight based on the total weight of Y(V,P)O₄:Eu and (Y,Gd)BO₃:Eu.